

FIGURE 1

Address Offset	Contents
00 ₁₆	descriptor_specifier_type = 23 ₁₆
01 ₁₆	list_ID
:	
:	
:	object_ID
:	
:	

Figure 3

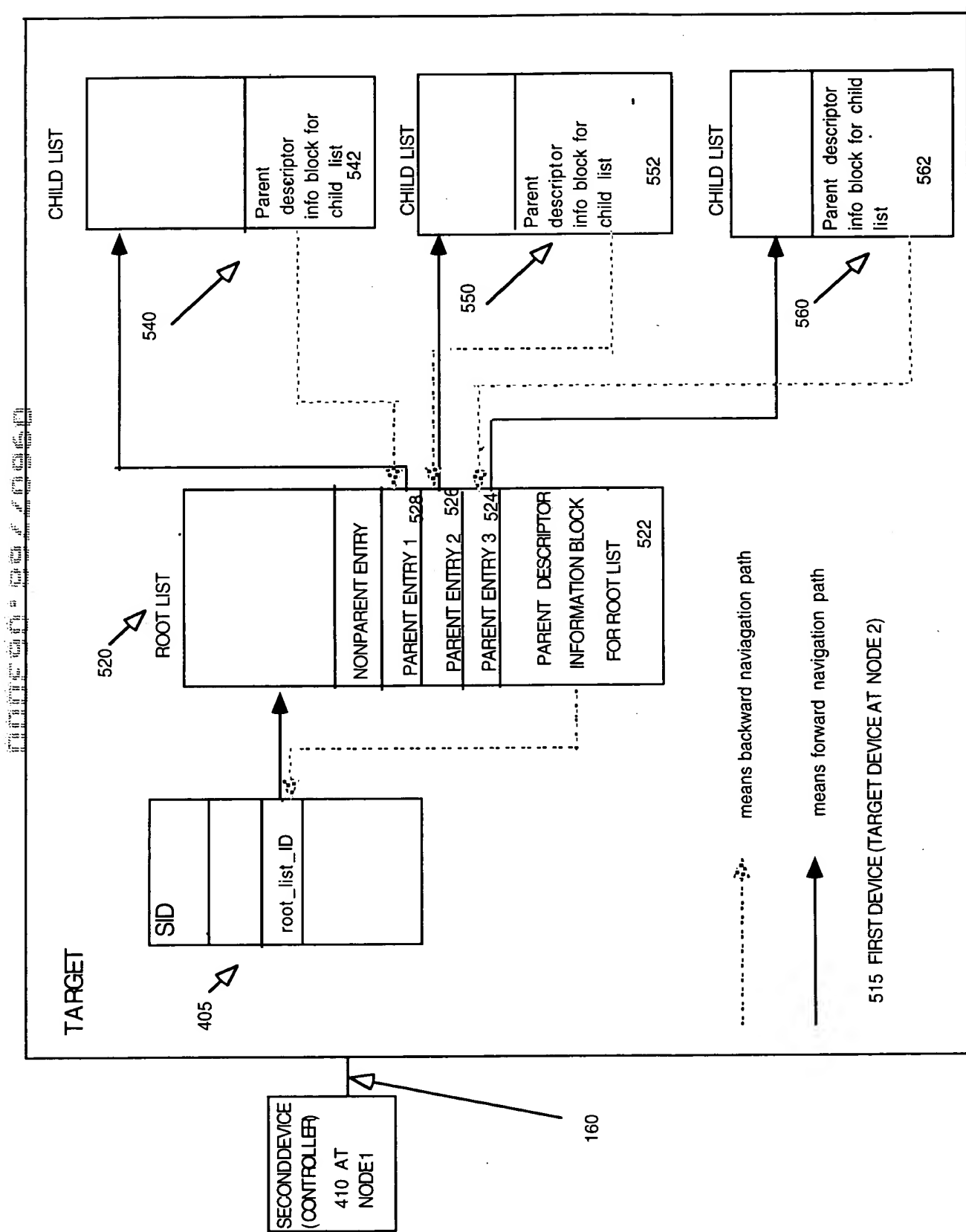


FIGURE 4

600

Address Offset	Contents
00 ₁₆	compound_length 610
01 ₁₆	
:	info_block_type = 00 08 ₁₆ (parent descriptor specifier) 620
:	
:	primary_fields_length 630
:	
:	descriptor_specifier_type = 23 ₁₆ 640
:	
:	list_ID 650
:	
:	object_ID 660
:	

Figure 5

700

Address Offset	Contents
00 ₁₆	compound_length 710
01 ₁₆	
:	info_block_type = 00 08 ₁₆ (parent descriptor specifier) 720
:	
:	primary_fields_length 730
:	
:	descriptor_specifier_type = 00 ₁₆ 740
:	root_list_ID 750
:	

Figure 6

800

Address	Length, bytes	External Read/ Write	Static/ Dynamic	Contents
00 00 ₁₆	2	R	D	list_descriptor_length
00 01 ₁₈				
00 02 ₁₆	1	R	S	list_type
:	$\geq 1^1$	R	D	attributes
:	2	R	D	list_specific_information_length = i
:				
:	i	-	D	list_specific_information...
:				
:				
:	2	R	D	number_of_entry_descriptors = n
:				
:	see ²	-	D	entry_descriptor[0]...
:				
:				
:				
:	see ²	-	D	entry_descriptor[n-1]...
:				
:				
:				
:				extended_information
:				

810

Figure 7

A controller issues an open descriptor command with a descriptor_specifier specifying a descriptor by list_ID and object_ID to a target.

300



The target opens the descriptor.

310



The descriptor is read by the controller.

320

Figure 8

Placing the new descriptor specifier for the parent descriptor at the end (*e.g.* extended_information field) of the root list descriptor or the child list descriptor when the list descriptor is created.

910

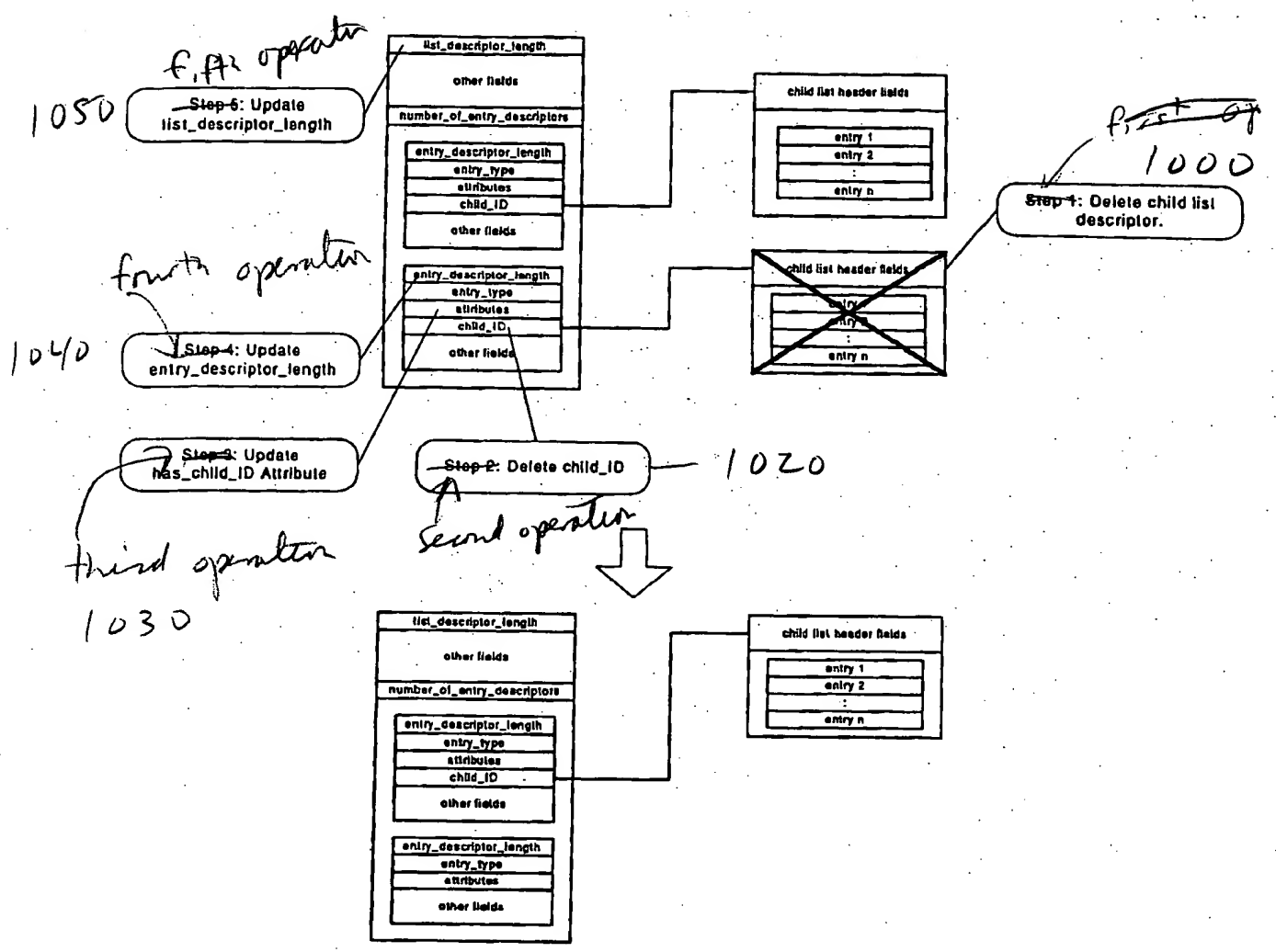
Reading the descriptor specifier for the parent descriptor, located in the extended_information field of the root list descriptor or the child list descriptor, is used to determine the parent entry for the child list or the subunit identifier for the root list.

920

Controller issues the command using the descriptor_specifier for opening its parent entry.

930

Figure 9



X = descriptor in descriptor_specifier (target descriptor)

Fig. 10

1. *Phragmites australis* (Cav.) Trin. ex Steud.
 2. *Scirpus americanus* (L.) Link.
 3. *Eleocharis acicularis* (L.) Rostk Schmidt
 4. *Sagittaria arifolia* (L.) Link.
 5. *Alisma plantago-foliosa* (L.) Rostk Schmidt
 6. *Sparganium angustifolium* Michx.
 7. *Najas* sp.
 8. *Chara* sp.
 9. *Utricularia* sp.
 10. *Hydrocotyle* sp.
 11. *Salvinia* sp.
 12. *Wolffia* sp.
 13. *Elodea canadensis* (Mill.) Rostk Schmidt
 14. *Hydrilla verticillata* (L.) Rostk Schmidt
 15. *Ceratophyllum demersum* (L.) Rostk Schmidt
 16. *Utricularia* sp.
 17. *Hydrocotyle* sp.
 18. *Salvinia* sp.
 19. *Wolffia* sp.
 20. *Elodea canadensis* (Mill.) Rostk Schmidt
 21. *Hydrilla verticillata* (L.) Rostk Schmidt
 22. *Ceratophyllum demersum* (L.) Rostk Schmidt
 23. *Utricularia* sp.
 24. *Hydrocotyle* sp.
 25. *Salvinia* sp.
 26. *Wolffia* sp.
 27. *Elodea canadensis* (Mill.) Rostk Schmidt
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 29. *Ceratophyllum demersum* (L.) Rostk Schmidt
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 31. *Hydrocotyle* sp.
 32. *Salvinia* sp.
 33. *Wolffia* sp.
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 38. *Hydrocotyle* sp.
 39. *Salvinia* sp.
 40. *Wolffia* sp.
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 45. *Hydrocotyle* sp.
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 171. *Hydrocotyle* sp.
 172. *Salvinia* sp.
 173. *Wolffia* sp.
 174. *Elodea canadensis* (Mill.) Rostk Schmidt
 175. *Hydrilla verticillata* (L.) Rostk

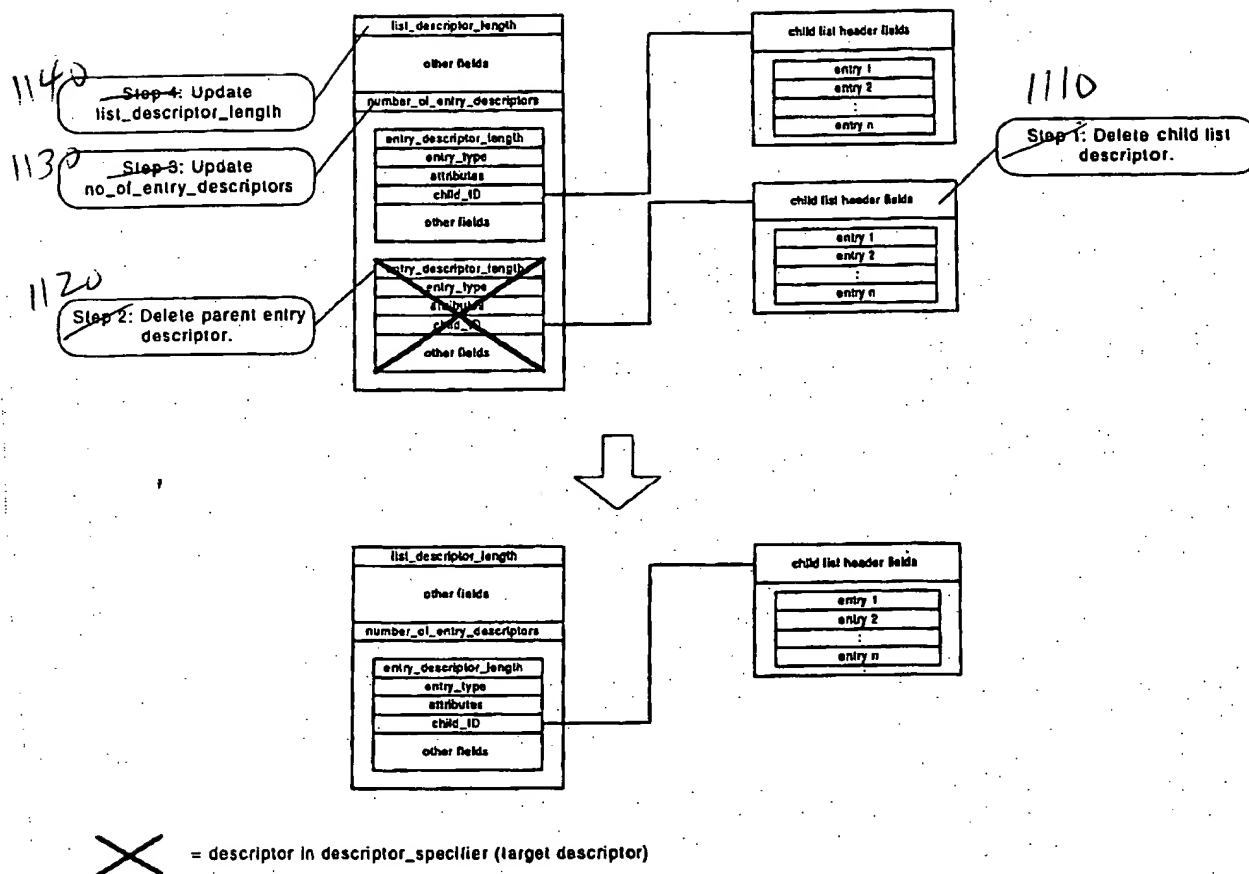
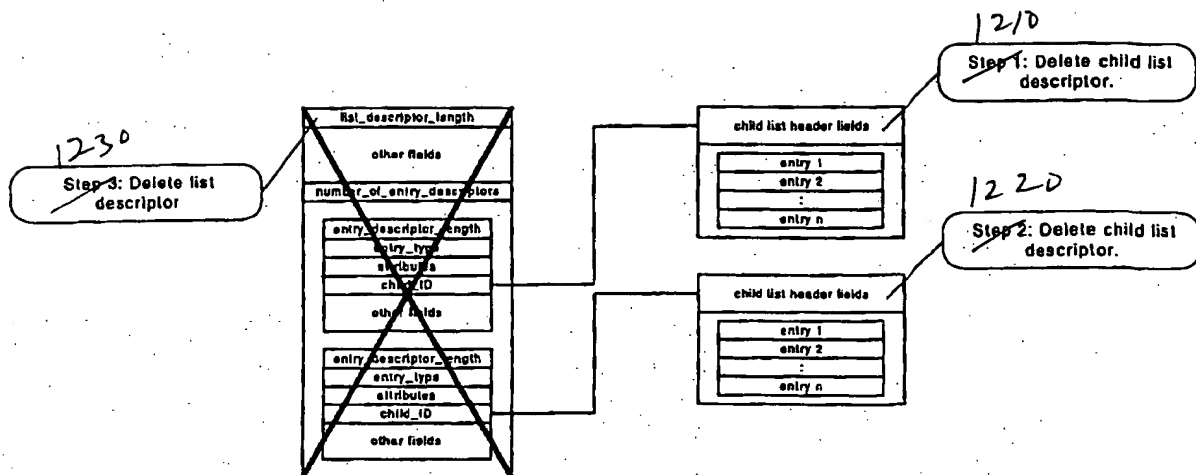


Fig. 11



= descriptor in descriptor_specifier (target descriptor)

F, 9, 12

00000000000000000000000000000000

	bytes	msb						lsb
opcode	1	DELETE DESCRIPTOR (XX ₁₆)						
operand[0]	v	descriptor_specifier						
operand[1]								
:								
:	1	result						

Fig. 14



	bytes	msb						lsb
opcode	1	DELETE DESCRIPTOR (XX ₁₆)						
operand[0]	v	descriptor_specifier						
operand[1]								
:								
:	1	result						
:	1	number_of_undeleted_descriptors						
:	v	descriptor_specifier [1]						
:								
:								
:	2	opener_node_id [1]						
:	:	:						
:								
:								
:	v	descriptor_specifier [n]						
:								
:								
:	2	opener_node_id [n]						

Fig.15

00000000 00000000 00000000 00000000

Delete first root list descriptor by deleting root_list_ID in
Subunit Identifier Descriptor

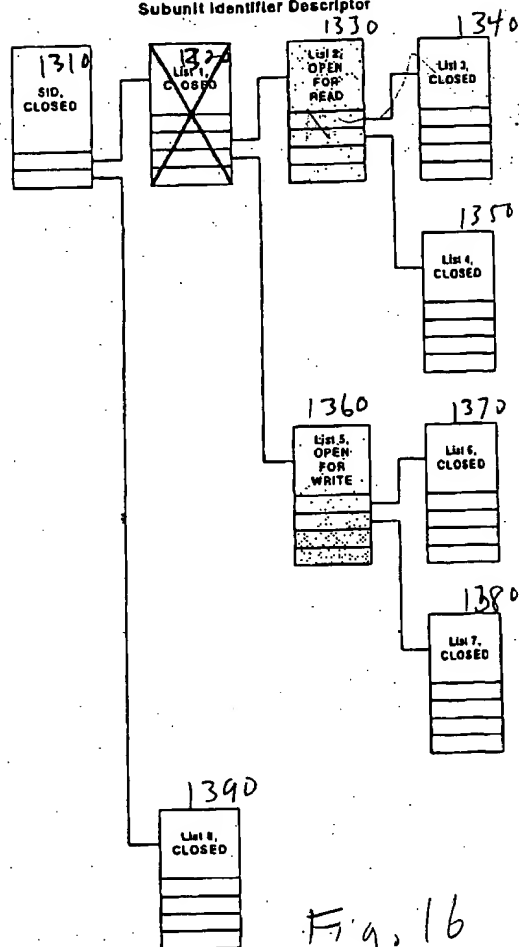


Fig. 16

0560768-063000

1310

SID, CLOSED

1320

List 1, CLOSED

1360

List 5, OPEN FOR WRITE

1370

List 6, CLOSED

1380

List 7, CLOSED

1390

List 6, CLOSED

Ex give 17